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Page 1 of 2 Pages	[] Original []	Substitute [] Supplemen	atal Atty, Docket:	
Combine	ed Declaration for	Patent Application as	nd Power of Atto	rney
As a below-named invent	or, I hereby declare that:			
and sole inventor (if only subject matter which is cl	one name is listed below) o aimed and for which a paten	as stated below next to my nature an original, first and joint invettis sought on the invention ention ention expenses and APPARATUS FOR CA	entor (if plural names are tled METHOD OF OPT	listed below) of the ICALLY
the specification of which	(check one)			
[] was as t [] was (PC		or der 35 U.S.C. §371 by entry in ; filed Appln.	_, entry requested on	of an international *; 371/§102(e) date
	i was amended on	(if applicable).	
I hereby claim foreign pri inventor's certificate, or { "Yes" box checked, and	§365(a) of any prior PCT ap have also identified below,	C. §§ 119 (a)-(d) and 365 (b) of plication(s) designating a count by checking the "No" box, any ling date before that of the appl	ry other than the U.S., list foreign application for	sted below with the patent or inventor's
102 40 204.3	• • • • • • • • • • • • • • • • • • • •	28 August 200		f 1
(Number)	(Country)	(Day Month Year I		NO
(Number)	(Country)	(Day Month Year I		[] NO
I hereby claim the benefit	under 35 U.S.C. §119(e) of	any United States provisional a	oplications listed below:	
	(Application No.)	(Day Month Y	ear Filed)	
	(Application No.)	(Day Month Y	ear Filed)	
PCT international applica application is not disclose U.S.C. §112, I acknowled	ation(s) designating the U.S., ed in such U.S. or PCT into dge the duty to disclose to the control of the contr	any prior U.S. non-provisional listed below and, insofar as the emational application in the mather PTO all information whiching date of the prior application	e subject matter of each on the provided by the firm is material to patentability	f the claims of this st paragraph of 35 y as defined in 37
(Application N	No.) (Day M	fonth Year Filed) (S	atus: patented, pending, aba	andoned)

As a named inventor, I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

KURT KELMAN, Registration No. 18,628 EDWARD R. FREEDMAN, Registration No. 26,048 CHRISTOPHER B. GARVEY, Registration No. 31,015 ELIZABETH COLLARD RICHTER, Registration No. 35,103

ALLISON C. COLLARD, Registration No. 22,532 WILLIAM C. COLLARD, Registration No. 38,411 REINE GLANZ, Registration No. 46,728 FREDERICK J. DORCHAK, Registration No. 29,298

Send Correspondence to:

COLLARD & ROE, P.C. 1077 Northern Boulevard Roslyn, New York 11576 Customer No. 25889

Direct Telephone Calls to: (name and telephone number) (516) 365-9802

The undersigned hereby authorizes the U.S. Attorneys or Agents appointed herein to accept and follow instructions from Dipl.-Ing. A. von Kirschbaum as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. Attorneys or Agents and the undersigned. In the event of a change of the persons from whom instructions may be taken, the U.S. Attorneys or Agents appointed herein will be so notified by the undersigned.

	BLACK CARBON IN THE ATMOSPHE		
J.S. Application filed CT Application filed	Serial No.		
C1 Application med	, 561,241,110.		
hereby further declare that all statements made	herein of my own knowledge are tru	e and that all stat	ements made on informat
nd belief are believed to be true; and that thes ike so made are punishable by fine or imprison	te statements were made with the kn	owledge that wi	lifui faise statements and willful false statements o
eopardize the validity of the application or any	patent issued thereon.	or and that stem	Within impersonations to
FULL NAME OF FIRST INVENTOR	INVENTOR'S SIGNATURE		DATE
Dr. Andreas PETZOLD	Alles Jul	dd	04/08/2003
RESIDENCE		CITIZENSI	
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POST OFFICE ADDRESS			
Trappentreustr. 29 - D-80339 Müncher	n Germany		
FULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	an and California and the second	DATE
Markus SCHÖNLINNER			
RESIDENCE		CITIZENSI	ar ·
Waging, Germany			3erman
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Seestr. 18 - D-83329 Waging - Germa	ny		
FULL NAME OF THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSH	TIP
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FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE
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FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSH	ש
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FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE
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FULL NAME OF SEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSH	IP

Page 1 of 2 Page	es [] Or	riginal []	Substitute	[]	Supplem	ental	Atty. D	Oocket	:	
Comb	oined Decla	eration for	Patent A	Applic	ation	and P	ower o	f Att	torney	
As a below-named ir My residence, post of and sole inventor (if subject matter which MEASURING BLA	office address an only one name i is claimed and f	d citizenship ar is listed below) for which a pate	or an origina nt is sought o	ll, first and on the in	nd joint in vention er	iventor (i ititled	f plural na METHOD	ames at O OF O	re listed below) PTICALLY	d, first of the
the specification of v	vhich (check one	:)								
[x] []	as U.S.Appln. I was/will be file	United States un	t; or nder 35 U.S ; filed received	.C. §371			U.S. nation		ge of an interna §371/§102(e)	ational *; date
	and was amend	ded on				(if appli	icable).			
	(include dates	of amendments ur	nder PCT Art.	19 and 34	if PCT)					
I have reviewed an amendment referred known by me to be r I hereby claim foreig inventor's certificate "Yes" box checked, certificate or PCT in	to above; and I material to patent gn priority benefic, or §365(a) of a and have also it	acknowledge the tability as define its under 35 U.S any prior PCT and identified below	ne duty to died in 37 C.F. S.C. §§ 119 (application(s), by checking)	sclose to R. §1.56 (a)-(d) an designant g the "N	the Pater d 365 (b) tting a coulon box, a	of any pruntry oth	ademark of rior foreight er than the gn applica	Office of the control	(PTO) all information in the control of the control	mation stent or with the
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(Numb	er)	(Country)		(Day	Month Ye	ar Filed)		YES	NO []	
(Numb	er)	(Country)		(Day	Month Ye	ar Filed)		YES	NO	
I hereby claim the b	enefit under 35 U	J.S.C. §119(e) o	of any United	l States p	rovisiona	l applicat	tions listed	d below	v:	
		(Application No	0.)		Day Montl	h Year Fil	ed)			
	·	(Application No	0.)		Day Mont	h Year Fil	ed)			
I hereby claim the PCT international application is not d U.S.C. §112, I ackr C.F.R. §1.56 which date of this application	pplication(s) des isclosed in such nowledge the du became available	ignating the U.S. or PCT is to disclose to	S., listed belonternational to the PTO a	ow and, applicati Il inform	insofar as on in the ation whi	the subjection manner ich is ma	ect matter provided terial to p	of eac by the patental	th of the claims first paragraph bility as defined	of this n of 35 d in 37
(Applic	ation No.)	(Day	Month Year	Filed)		(Status:	patented, r	ending,	, abandoned)	

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(Day Month Year Filed)

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(Application No.)

ALLISON C. COLLARD, Registration No. 22,532 WILLIAM C. COLLARD, Registration No. 38,411 REINE GLANZ, Registration No. 46,728

FREDERICK J. DORCHAK, Registration No. 29,298

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(Status: patented, pending, abandoned)

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age 2 of 2 Pages		Atty. Dock	
itle: METHOD OF OPTICALLY MEASURING BLAC	K CARBON IN THE ATMOSPHERE	AND APPARATU	S FOR CARRYING OU
S. Application filed	, Serial No.		THE METH
CT Application filed	, Serial No.		
nereby further declare that all statements made here and belief are believed to be true; and that these state are so made are punishable by fine or imprisonment opardize the validity of the application or any paten	tements were made with the know to the temporal temporal to the know to the temporal	ledge that willful	false statements and th
FULL NAME OF FIRST INVENTOR	INVENTOR'S SIGNATURE		DATE
Dr. Andreas PETZOLD		`	、
RESIDENCE		CITIZENSHIP	
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FULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	_	DATE
Markus SCHÖNLINNER	X Markey School	C	X 31. July 203
RESIDENCE	1. Vincoracos scop c	CITIZENSHIP	The state of the s
Waging, Germany		Gerr	man
POST OFFICE ADDRESS			
Seestr. 18 – D-83329 Waging - Germany			
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RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE
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FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE
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FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE
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FULL NAME OF SEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS		CHIZENSHIP	

ALL INVENTORS MUST REVIEW APPLICATION AND DECLARATION BEFORE SIGNING. ALL ALTERATIONS MUST BE INITIALED AND DATED BY ALL INVENTORS PRIOR TO EXECUTION. NO ALTERATIONS CAN BE MADE AFTER THE DECLARATION IS SIGNED. ALL PAGES OF DECLARATION MUST BE SEEN BY ALL INVENTORS.